Datasheet for ABIN6265466

anti-TAS2R47 antibody

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	TAS2R47 (TAS2R30)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAS2R47 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	A synthesized peptide derived from human TAS2R47
Isotype:	IgG
Specificity:	TAS2R47 Antibody detects endogenous levels of total TAS2R47
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	TAS2R47 (TAS2R30)
Alternative Name:	TAS2R47 (TAS2R30 Products)
Background:	Description: Receptor that may play a role in the perception of bitterness and is gustducin-

Target Details

	linked. May play a role in sensing the chemical composition of the gastrointestinal content. The activity of this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5 (By similarity). Gene: TAS2R30
Molecular Weight:	37 kDa
Gene ID:	259293
UniProt:	P59541

Application Details

Application Notes:	WB 1:1000-3000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months

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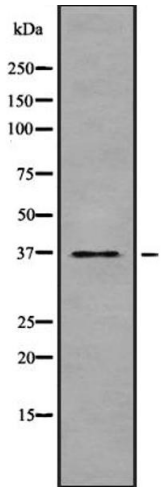

Western Blotting

Image 1. Western blot analysis of TAS2R47 using HT-29 whole cell lysates

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